

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (Currently Amended) A method for controlling an evaporation temperature of a refrigerant in ~~[[an]]~~ a vehicle air conditioning system, ~~in particular a vehicle air conditioning system, having which comprises~~ a latent refrigeration accumulator ~~[[ (3) ]]~~ which ~~can be is~~ cooled by an evaporator ~~[[ (1) ]]~~, the method comprising:

~~[[with]]~~ setting the evaporation temperature of ~~[[a]]~~ the refrigerant in the evaporator, ~~(1) being set as a function of demand,~~ to a value between a minimum temperature ( $T_{min}$ ),  $T_{min}$ , and a maximum temperature ( $T_{max}$ ),  $T_{max}$ , ~~which~~

wherein  $T_{max}$  is a temperature below a phase change temperature of [[the]] a latent medium in the latent refrigeration accumulator.

2. (Currently Amended) The method as claimed in claim 1, ~~characterized in that the latent refrigeration accumulator (3) contains~~ wherein the latent medium in the latent refrigeration accumulator comprises decanol as latent medium.

3. (Currently Amended) The method as claimed in claim 1, ~~characterized in that the latent refrigeration accumulator (3) contains~~ wherein the latent medium in the latent refrigeration accumulator comprises tetradecane as latent medium.

4. (Currently Amended) A vehicle air conditioning system ~~to be operated~~ [[by]] according to the method as claimed in of claim 1.